

PERMIT APPLICATION: NRS 08.237

APPLICANT: Lou Patten
Cleveland Municipal Airport Authority
201 Keith Street, Suite 80
Cleveland, TN 37311
(423) 473-4363

LOCATION: Project is located on Tasso Road , southeast of Tasso, between the railroad and Dry Valley Road. It is approximately 5 miles northeast of downtown Cleveland, Bradley County.

WATERSHED DESCRIPTION: Surrounding land use is largely agricultural, primarily open pasture. Scattered residential and woodlots also exist. To the west of the proposed project is the community of Tasso. An unnamed tributary to Little Chatata Creek, Little Chatata Creek and associated wetlands exist on the property.

Little Chatata Creek:

Stream ID #: TN06020002-0200

Watershed Name/HUC: Hiwassee River / 06020002

Classified Uses: Fish and Aquatic Life (Supporting)

Recreation (Supporting)

Irrigation (Supporting)

Livestock Watering and Wildlife (Supporting)

Special Designations: 2008 303(d) list for loss of biological integrity due to siltation; habitat loss due to alteration in stream-side or littoral vegetative cover.

Little Chatata Creek is a slightly entrenched, low sinuosity gravel bed perennial stream with bedrock control. A narrow riparian area exists along the channel that is actively used by cattle with several access points to the creek. The unnamed tributary to the Little Chatata also appears to be perennial. It has been channelized and has limited canopy of the western portion of the channel while the eastern portion the riparian is routinely mowed.

There are 14 wetland areas onsite ranging from 0.006 to 8.57 acres (wetlands A-N) in size. Wetlands A-F marginally meet wetland criteria. They are small depressional area totaling 0.1 acres within and a heavily grazed field. Wetlands G-L range in size from 0.006 tom 0.12 acres and are adjacent to Little Chatata Creek. Wetland M and N are the largest wetlands. Wetland M is a large pond of 1.17 acres with a 0.3 fringe wetland area. Wetland N is 8.57 acres of mowed, grazed wetland consisting of fescue, cocklebur, watercress and japanese stilt grass.

No waters of the state have been determined not to be exceptional Tennessee waters.

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PROJECT DESCRIPTION: The applicant proposes to construct a new airport to replace the existing Hardwick Field in Cleveland on the 300 acre parcel located along Tasso Road in the Tasso community. Construction will require impacts to 2,283 feet of Little Chatata Creek, 940 feet of the unnamed tributary and 10.47 acres of wetland.

Stream impacts involve the encapsulation and relocation of 3,223 feet. Approximately 3, 225 feet of stream channel will be created onsite to relocate and compensate for the impacts. A Rosgen stream design (Little Chatata is classified as a C 4/1) will be utilized. A 50-foot riparian buffer will be planted along both banks. However, the vegetation will be limited to low growing shrubs and trees to comply with FAA regulations about attracting wildlife. Additional compensatory stream mitigation will be proposed to offset any loss of resource values associated with loss of canopy coverage over the stream

Compensatory wetland mitigation for the placement of fill in 10.47 acres shall occur offsite on 22.83 acres off Shelton Road in Marion County (HUC 06020004). Approximately 16.66 acres of pasture land will be restored back to jurisdictional wetlands and 6.17 acres of forested wetland will be both hydrologically and vegetatively enhanced. Ditches will be plugged and native wetland trees seedlings planted on 10- foot centers in the field.

All mitigation will be required to meet success criteria, monitored and annual reports submitted to both this office and the U.S. Army Corps of Engineers.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.

PERMIT COORDINATOR: Mike Lee

TOPOGRAPHICAL QUADRANGLE: East Cleveland 120-NE
Lat 35.21301 Long -84.799369

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

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The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

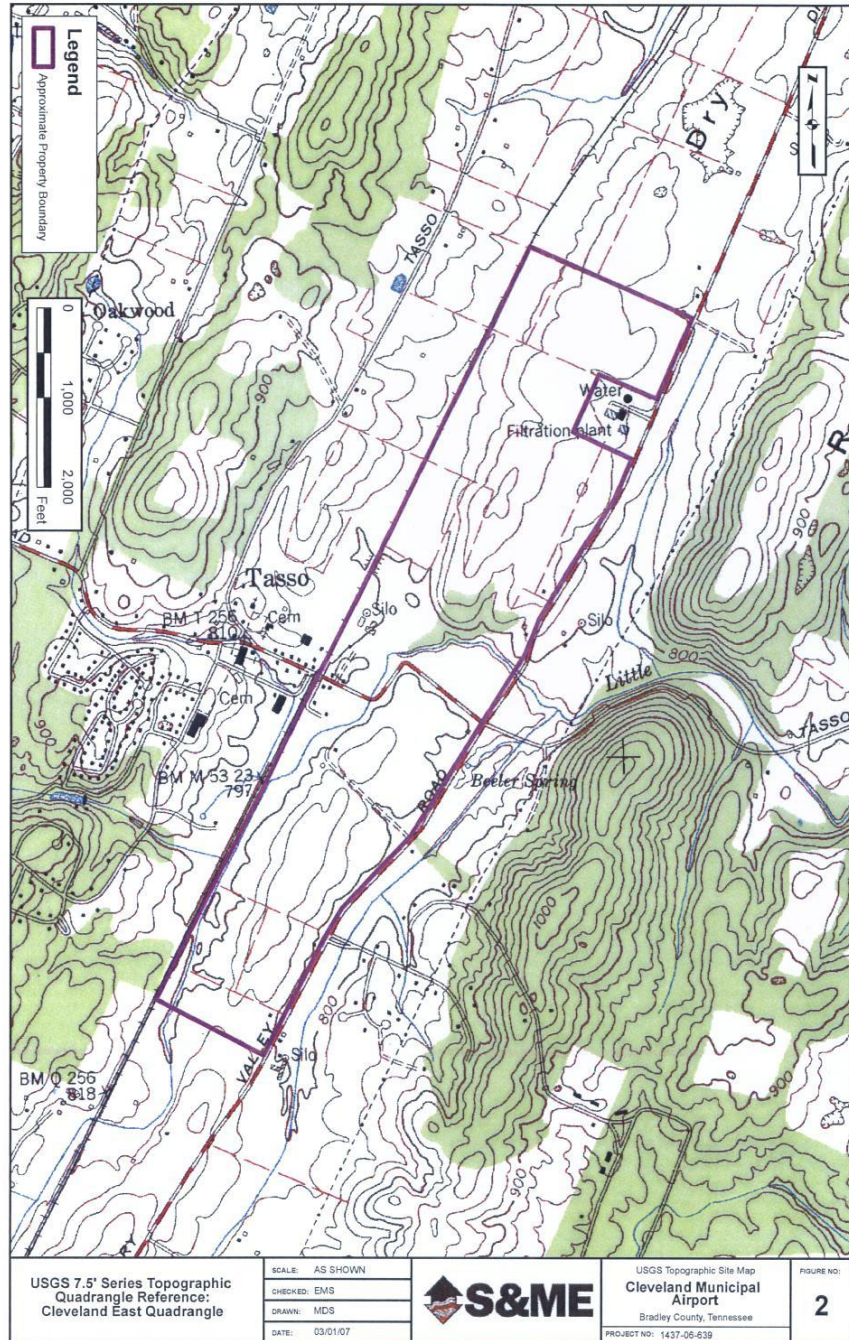
Tennessee Department of Environment & Conservation
Division of Water Pollution Control, Natural Resources Section
7th Floor L & C Annex
401 Church Street
Nashville, TN 37243

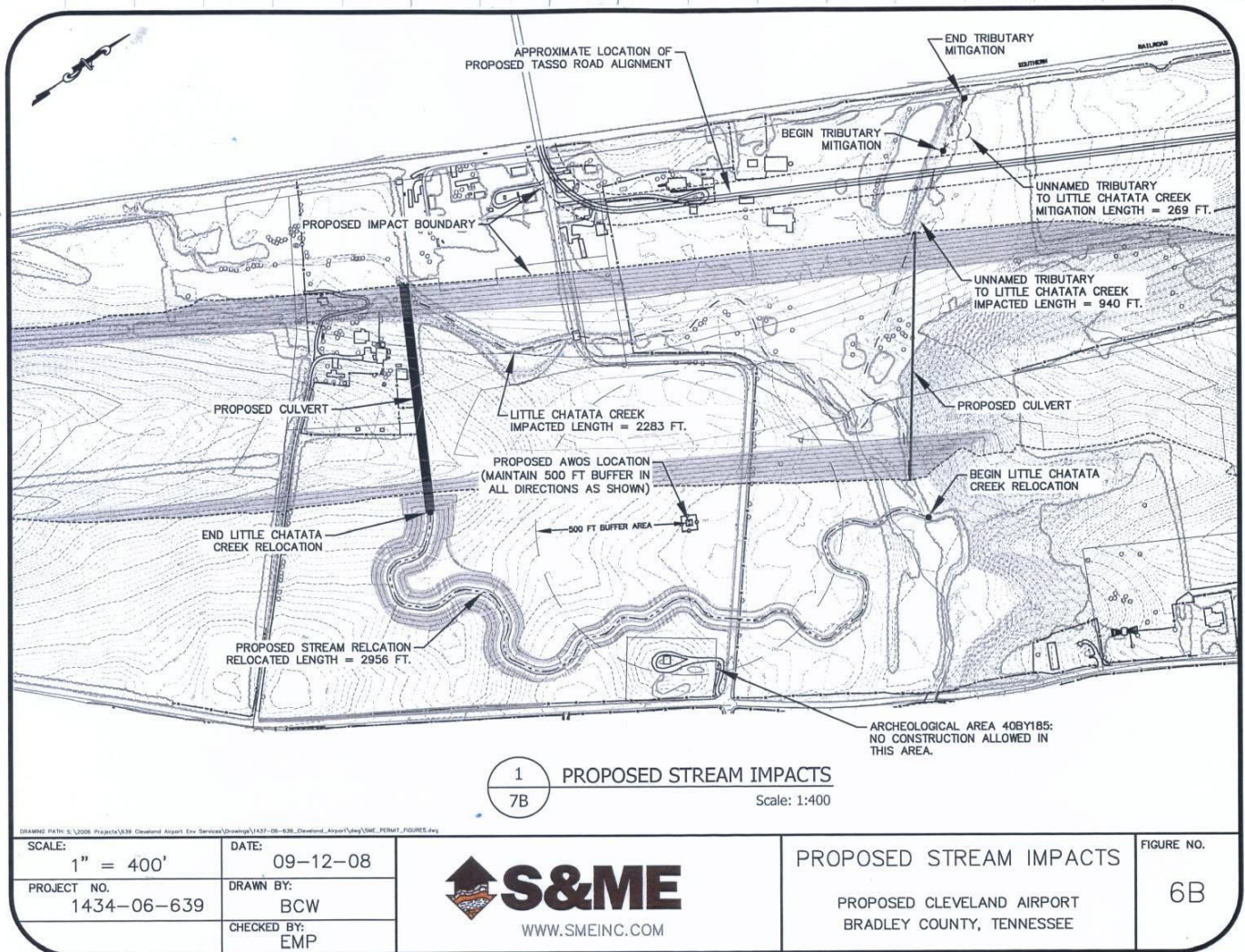
In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.

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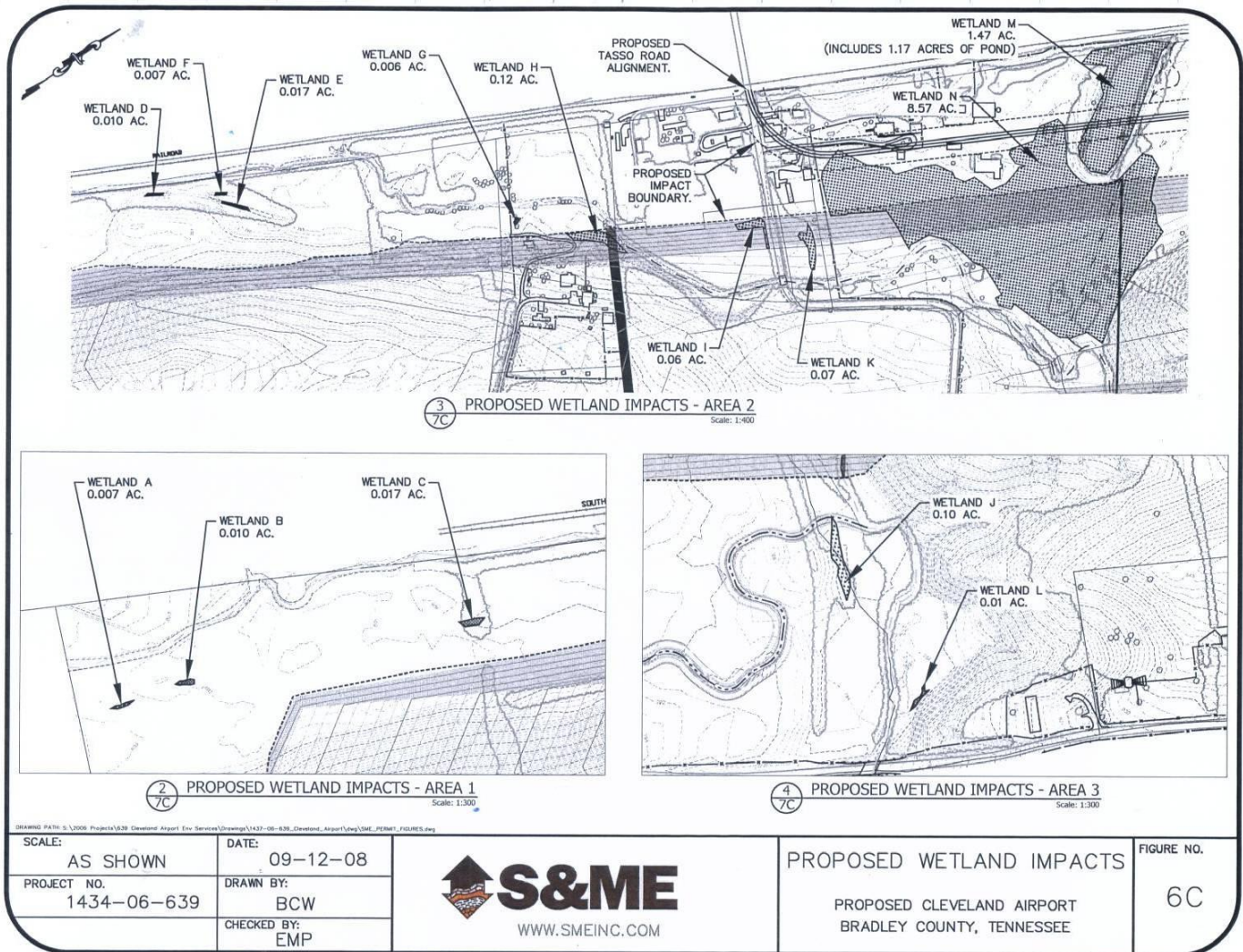
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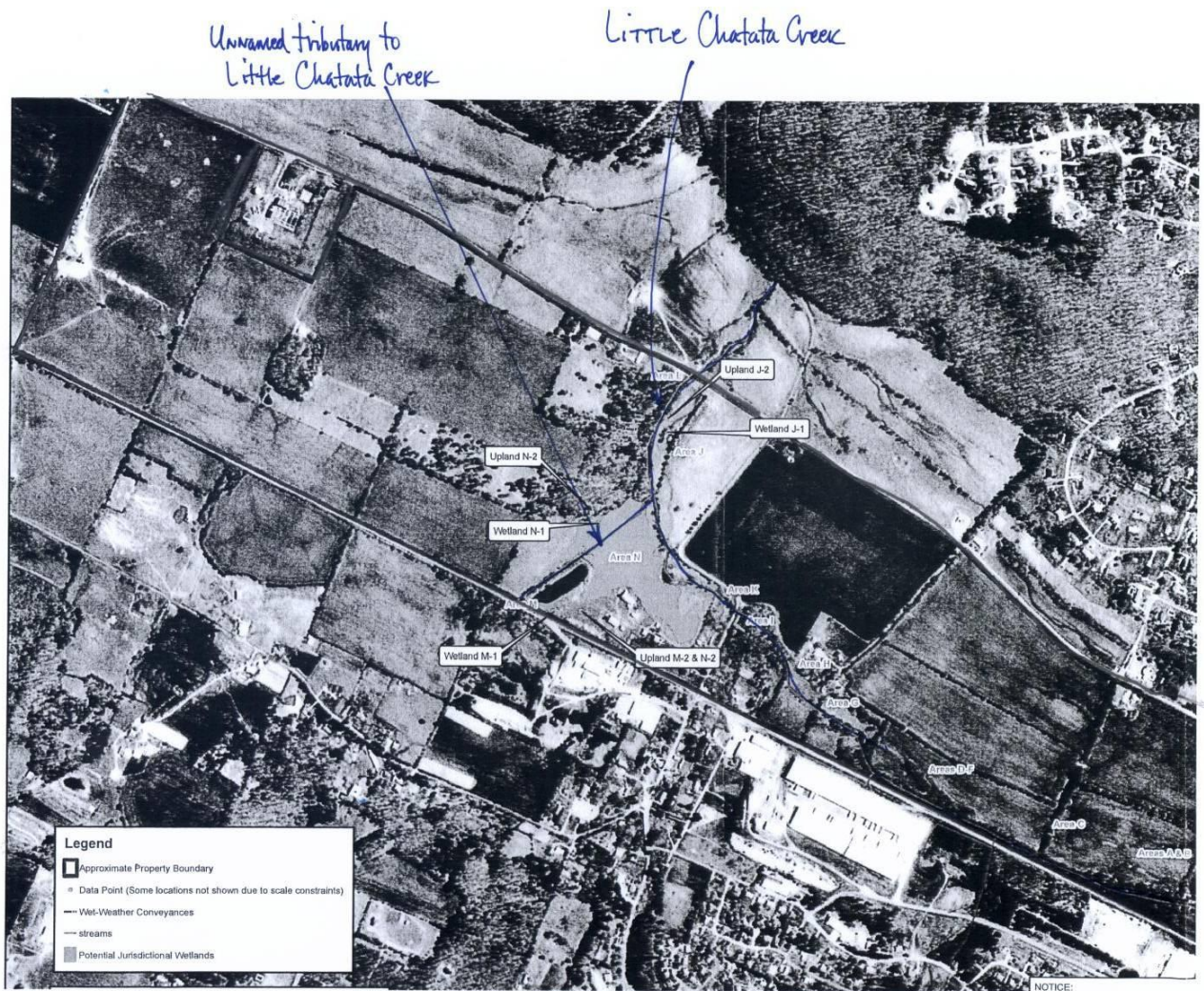
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Permit Applications for Proposed Cleveland Airport
Tasso Road, Cleveland, Tennessee

S&ME Project No. 1434-06-639
September 16, 2008

Figure 4 - Photo 3 of 12



Date: 7/14/08

Photographer: Tony Hendon

Location / Orientation

Facing east

Remarks

View looking east (downstream), on crest of bend in Little Chatata Creek.

Figure 4 - Photo 4 of 12



Date: 7/14/08

Photographer: Tony Hendon

Location / Orientation

Facing southeast

Remarks

View of cattle crossing on Little Chatata Creek.

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Figure 4 – Photo 7 of 12



Date: 7/14/08

Photographer: Tony Hendon

Location / Orientation Facing north

Remarks View of cattle crossing and eroding bank on Little Chatata Creek.

Figure 4 – Photo 8 of 12



Date: 7/14/08

Photographer: Tony Hendon

Location / Orientation Facing east

Remarks View of shaded area used by cattle on Little Chatata Creek.

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Figure 4 – Photo 9 of 12



Date: 7/14/08

Photographer: Tony Hendon

Location / Orientation Facing northwest

Remarks View of Wetland "N" looking northwest. Note mowed vegetation.

Figure 4 – Photo 10 of 12



Date: 7/14/08

Photographer: Tony Hendon

Location / Orientation Facing northeast

Remarks View of Wetland "N" looking northeast. Note the mowed vegetation.

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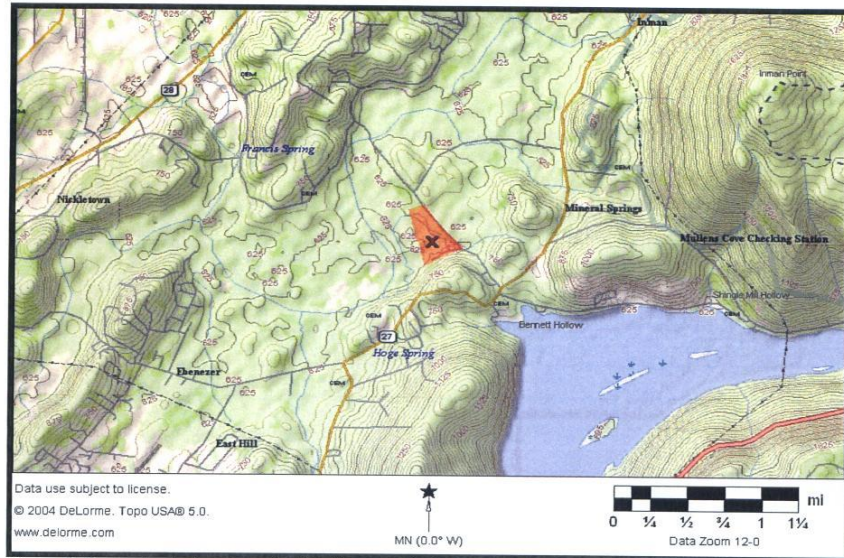


Figure 7. Approximate location of mitigation area (red X) located southwest of Mineral Springs on the Sequatchie, TN Quad.



Figure 8. Aerial view of the proposed mitigation site outlined in red (22.83 acres).

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Figure 9



		Date: 7/29/05
		Photograph Provided By: Ken Morgan
Location / Orientation	Photo of the 16.66 acres of pasture within the proposed mitigation site.	

Figure 10

Figure 10		
		Date: 7/29/05
		Photograph Provided By: Ken Morgan
Location / Orientation	Photo of representative portion of the 6.17 acres of forest at the proposed mitigation site.	

